UDYOGI®
LIFE IS PRECIOUS

Scan Here For More Info

TECHNICAL DATA SHEET

EY33-1
HEAD MOUNTED EAR MUFF



Product Introduction:

- Udyogi EY33-1 earmuffs made from ABS cups, co-polymer headband with a cushion pad, suitable for a wide range of demanding industrial applications, providing both protection and comfort.
- Designed to meet EN352-1:2020 standard, it ensures maximum protection for the wearer in various high noise environments.

Features:

- Significantly reduces noise levels by 27 dB, protecting hearing in loud environments
- It is a foldable earmuff providing a compact size and high degree of comfort to the wearer
- Made of high quality, heat resistant, moisture & cold proof ABS (Acrylonitrile Butadiene Styrene).
- The stripped designed cushion pad on headband provides extra comfort, especially during prolonged use, by distributing pressure evenly across the head and air circulation.
- Soft padding on ABS cups provides a comfortable seal around the ears, reducing pressure and enhancing comfort for long-term use
- Polypropylene foam sponge filled air pad, soft & hygienic muff inside for maximum attenuation of unpleasant air borne noise.

Benefits:

- **Safety Compliance:** EY-33-1 earmuffs provide reliable and consistent noise reduction, ensuring compliance with safety regulations. This can prevent potential fines or penalties related to non-compliance. **Enhanced**
- **Comfort:** Padded headband provides superior comfort for extended wear, reducing pressure on the head and ears
- **Easy to Clean:** ABS surfaces are smooth and non-porous, making them easy to wipe clean and maintain.
- **Durability:** This earmuffs can withstand harsh industrial environments and last longer than those made from less durable materials.
- **Recyclable:** ABS is a thermoplastic, meaning it can be melted down and reformed multiple times without significantly degrading its properties. This makes it inherently recyclable.

Udyogi

294, B. B. Ganguly Street,
2nd Floor, Kolkata - 700 012

E-mail : info@udyogi.net
Website : www.udyogisafety.com

Tel. : +91 33 2225 1470/71/72

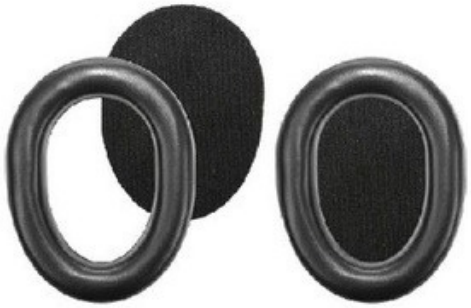
UDYOGI®
LIFE IS PRECIOUS

Scan Here For More Info

SPECIFICATION

Model: EY33-1
Product Type: Head mounted ear muff (Foldable)
Cup Material: ABS (Acrylonitrile Butadiene Styrene)
Inserts: PU (Polyurethane foam)
Cushions: Foam with PVC black lid
Metal Spring: SS (Stainless Steel)
Headband & Padding: Co-polymer Headband with cushion pad
Weight: 211 grams.
Testing Frequency Ranges (Hz): 125, 1000, 8000
Attenuation Results (dB): 31(High); 24(Medium); 17(Low)
Attenuation Rating: SNR 27 dB **NRR:** 22dB
Color: Neon
Packaging: 20 pcs. per box
Standard: EN352-1:2020

Construction



Insert: Inner Foam Paded cushion

Applications :

- Protects hearing by reducing exposure to high decibel levels in noisy environments.
- EY-33-1 is widely used across various fields to provide essential hearing protection, enhance safety, and improve comfort and productivity.
- These are crucial in any setting where exposure to high noise levels is a concern, ensuring workers' hearing health and compliance with safety regulations.
- Used to reduce protect from dust and water

Industry :

These ear muffs are utilized for their protective and practical features in various industries such as

Steel | Aviation | Cement Industry | Power | General Manufacturing | Forestry & Logging | Food Processing

Pharmaceutical | Chemical | Mining | Oil & Gas | Construction | Railroad Industry | Automobile

Udyogi

294, B. B. Ganguly Street,
2nd Floor, Kolkata - 700 012

E-mail : info@udyogi.net
Website : www.udyogisafety.com

Tel. : +91 33 2225 1470/71/72

UDYOGI®
LIFE IS PRECIOUS

Scan Here For More Info

Safety Information :

- Contains metallic components that may increase electricity hazard.
- This must be regularly inspected for cracked parts and replaced as needed. Life for foam cushion is approx 6 months.
- Do not bend or reshape the headband as this will cause a loose fit & sound leakage.

Usage Instructions :

- Pull the Udyogi ear muffs cups outwards and position the hearing protector over your ears
- Adjust the height of each cup on both sides while holding the headband down until you have a tight comfortable fit.
- The headband should sit straight on the head.

Storage :

- Stored and transported in their original cartons at ambient temperature (0°C to + 30°C)
- May be stored in the dark for up to 1 year
- Do not store in direct / high heat or sunlight as this may distort the shell

Udyogi

294, B. B. Ganguly Street,
2nd Floor, Kolkata - 700 012

E-mail : info@udyogi.net
Website : www.udyogisafety.com

Tel. : +91 33 2225 1470/71/72